

WHAT IS CLAIMED IS:

1. A system for designation process information comprising:

5 a process execution apparatus for executing a given process,

a process control apparatus which executes a prescribed process control of said a process execution apparatus; and

10 a process designation apparatus which designates the process control of said process control apparatus,

said process designation apparatus possessing a designation information list for the process control,

15 said process control apparatus possessing a control mode table including a control mode which defines the actuation of the process designation apparatus, an information reader which reads the designation information from said designation information list, and a process controller which acquires a prescribed control mode from
20 said control mode table to perform the process control of said process execution apparatus.

2. The system according to Claim 1, wherein said process designation apparatus makes a process designation
25 via a local area network or through a communication apparatus.

3. The system according to Claim 1, which has an information registration apparatus for intensively performing the registration of the designation information in the process designation apparatus and the registration
5 of the control mode in the process control apparatus at one portion.

4. The system according to Claim 1, wherein said process designation apparatus has a monitor for monitoring
10 the operation condition of the process execution apparatus.

5. The system according to Claim 4, wherein said monitor acquires the operating condition of the process execution apparatus via the process control apparatus.
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6. The system according to Claim 1, wherein said information reader which reads the designation information automatically makes a query for the designation information at a predetermined given timing.
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7. The system according to Claim 6, wherein said timing of the query is set to make a query every given times, or to make a query every after the completion of the printing.
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8. The system according to Claim 1, which is

applied to process control in a flexible manufacturing line.

9. The system according to Claim 8, wherein said flexible manufacturing line is a printing process in
5 packing and shipping lines for containers.

10. A method for designating process control in a system for designation process information comprising: a process execution apparatus for executing a given process,
10 a process control apparatus which executes a prescribed process control of said a process execution apparatus; and a process designation apparatus which designates the process control of said process control apparatus, said process designation apparatus possessing a
15 designation information list for the process control, said process control apparatus possessing a control mode table including a control mode which defines the actuation of the process designation apparatus, an information reader which reads the designation information from said designation
20 information list, and a process controller which acquires a prescribed control mode from said control mode table to perform the process control of said process execution apparatus, the method comprising the following steps:
a) a step in which said control apparatus performs
25 a prescribed process control at the presently acquired process control mode;

b) a step in which the step a) is continued until said process execution apparatus completes said prescribed process;

5 c) a step in which after the process execution has been completed, said process control apparatus makes a query for the designation information to said process designation apparatus;

10 d) a step in which, upon receiving the query for the designation information, said process designation apparatus reads the designation information from the designation information table and represents said designation information utilizing a response signal to said process control apparatus,

15 e) a step in which said process control apparatus judged whether or not the control mode is switched to the next mode; and

20 f) a step in which if said process control apparatus judged to switch the control mode into the next control mode, said process control apparatus acquires a prescribed control mode from the control mode table and initiate said acquired control.